Honeywell

GX Remote Control
User Manual

Rev A

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1 Introduction

The GX Remote Control App can be used to control the Galaxy Dimension and Flex series of intrusion detection panels remotely. This guide details the feature and functions of the app and their operation

Images may vary slightly from those illustrated, depending on device type and operating system being used

1.1 Terms, Acronym, Abbreviation

Term, Acronym, Abbreviation	Definition
UI	User Interface
DDNS	Dynamic Domain Name System
IP	Internet Protocol
PIN	Personal Identification Number
UMS	User Management Suite
Vkpd	Virtual Keypad

2 Important Information

2.1 Operating Systems supported

Tablets and Smartphone's with the following operating systems are supported:

Operating System	Support	Minimum required version	Devices
Android	Android Smartphone and Tablets	4.0	Multiple devices running 4.0 as a minimum
iOS	Apple iPhone & Ipad devices	6.0	iPhone 4, 4s,5 iPad, iPad2,iPad Retina, iPad Mini

2.1.1 Language support

Android versions of the app are available in the following languages

English	French	Dutch	Spanish
Swedish	Russian	Italian	

Language settings are changed via the smart device own settings function

The app will default to English where there is no translation available

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2.1.2 Data Encryption

The Ethernet module supports a high level Advanced Encryption Standard (AES) 128bit encryption algorithm for communication for end user safety

2.1.3 Access Codes

To access the panel via the GX Remote control app the following information will be required. This will be entered into the logon page of the app (See section 4.1.3)

- UMS Password (this is an optional feature and installer should discuss with end user before implementing)
- User PIN as programmed in the panel
- User Index (two or three digit User ID number as programmed in the panel)
- IP Address to connect to the panel

These will be provided by the installer when enabling the panel to connect to the remote app.

2.2 Operations (Icon Mode and Keypad Mode)

There are 2 functional modes in the app, **Icon** mode and **Keypad** mode

2.2.1 ICON Mode

The following functions are available in Icon mode. (Further details on their operation are provided in section 4.3)

Feature	Flex v1	Flex v3	Dimension
Enable remote connections	√	√	√
Full Set/Unset	√	√	√
Review Event log	√	√	√
Part Set	√	√	√
Night Set		√	
Check system status	√	√	√

2.2.2 Keypad Mode

Perform all end user functions as if it were your Galaxy wall mounted keypad.

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2.3 Other Information

- Please ensure adequate network coverage. : Over utilized (shared) connections can degrade connection speed
And/ or operation.

- The app will timeout after 6 minutes of not being used

- Trigger Header Outputs and Keypad outputs are not supported on any Galaxy Panel

- Do not exit (Either through the home icon or back button) the keypad mode during the panel setting Procedure as this aborts the setting process

- Font size on the smart device should be kept as default setting; changing it to a larger size may result in text becoming distorted on the screen.

- If a user has selected DDNS/Static IP while connecting to panel then if user moves to Wi-Fi zone it will cause an already established mobile connection to drop.

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3 Set up

3.1 Step 1: Download app to smart device

The app is available on the iTunes or Google Play stores. This should be downloaded to the iphone or ipad in the same way as any other mobile app.

3.2 Step 2: Enable Panel Remote Access and add Ethernet Module

This is carried out by an alarm installer; please discuss this with your installer.

4 Using the app

4.1 Logging In

The following screen will appear when the GX Remote Control Icon is pressed on the smart device.

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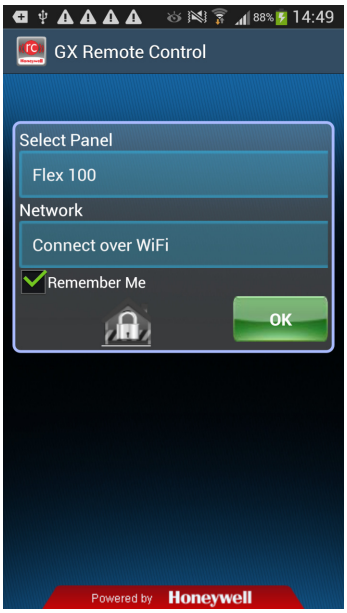
4.1.1 Login Screen (Network selection)



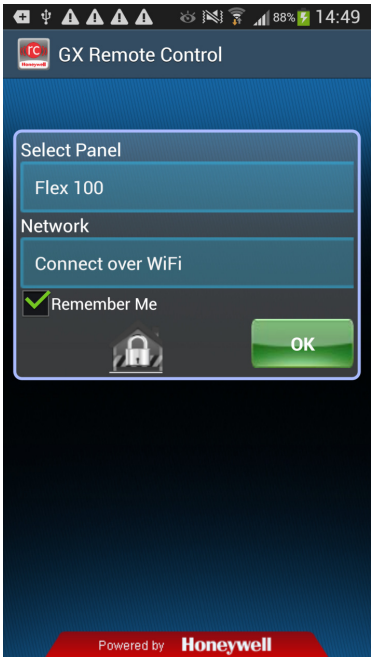
When the app is first use the user should identify the method of connection which will be used to connect the mart device to the panel e.g.

- Via Wi-Fi }
- Via DDNS } Installer will advise on methods used.
- Via Static IP }

And then press **OK** (ticking the remember me box removes the need to select this each time the app is used)

On subsequent logins the method of connection previously selected will be shown and the end user is only required to press **OK**

4.1.2 Login Screen (Panel type)



When the app is first use the user should identify the panel type which will be used to connect the mart device to the panel e.g.

e.g. Flex 100 (Installer will advise on panel type.)

And then press **OK** (ticking the remember me box removes the need to select this each time the app is used)

On subsequent logins the panel type previously selected will be shown and the end user is only required to press **OK**

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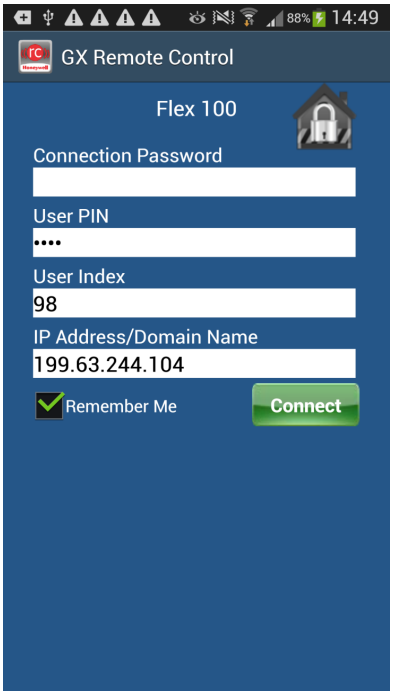
4.1.3 Connection Screen



When the app is first used the user should enter the following information:

Step1: Enter Connection Password (UMS Password – where installer has set this up)

Step2: Enter User PIN (this is same as configured at Site/Panel)

Step 3: EnterUser Index (same as site/panel user numbering)

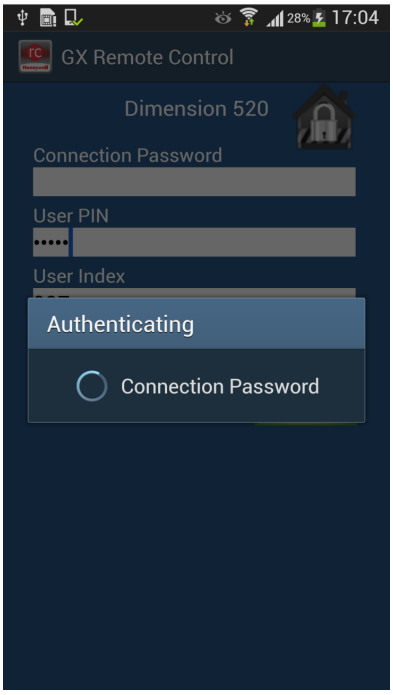
Step 4: Enter IP Address/Domain name depending on type of Network

Step 5: Press **Connect**

Ticking the remember me box means the end user is only required to enter his/her PIN number and press **Connect** after the first connection

4.1.4 Connection Screen

:



One the connect button has been pressed the user will see the following screen.

During this login period the app is establishing a secure encrypted connection.

The speed of this may vary depending on the strength of the internet connection or device type

Note: Connection time when the app is first used will be approx 40-50 Seconds. For all subsequent connections this will be approx 20 seconds (Subject to signal strength)

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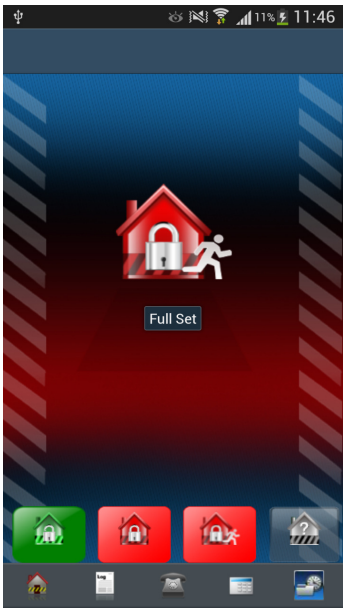
4.1.5 Unsuccessful connection

In the case of an unsuccessful connection the screen will display a message indicating that the connection was lost and return the user to the login screen

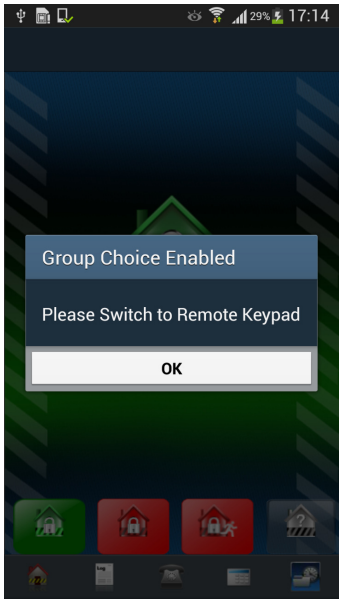
4.1.6 Successful connection

Upon Successful connection and validation application will go into Home Screen in Icon mode. There are 2 default home screens

- Home Screen (A)with groups disabled (will appear where the group function has been disabled on the panel)
- Hone Screen (B) with groups enabled (will appear where the group control function has been enabled on the panel.



Screen A



Screen B

4.1.7 Switching from ICON mode to Keypad mode after successful login

Once logged in the end user can switch from Icon mode to Keypad mode by pressing the Icon highlighted.

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4.2 Keypad Mode

Once in keypad mode the virtual keypad works as if using a real keypad

When exiting keypad mode please wait for confirmation that the last operation (e.g. part setting a panel) has been completed.

When returning to Icon mode from keypad mode the user is required to press check status Icon

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4.3 Icon mode

4.3.1 Icons Description

The following Icons are used in Icon mode

Icon	Description
	Exit/Logout Icon: Used for exiting/logout from application
	Event Log Icon: Used for retrieving log from panel
	Remote Keypad Icon: Panel keypad console mode
	Phone Icon: Used for Configuring the panel phone number for receiving event alerts.
	Home Icon: Used for moving to home screen in which all core intrusion functionality icons will be there like Instant Set and Unset
	Unset Icon: Used to perform System Unset
	Instant Set Icon: Used to perform System Instant Set
	Part Set/Night Set Icon: Used to perform System Part Set/Night Set
	Status Icon: Used to get/read status of the system
	Galaxy Remote Control Launch Icon: Used for launching Galaxy Mobile Application
	Control Outputs Icon: Used for activating/deactivating outputs present in security system
	Animation Icon: Will be used when application is trying to get/read information from panel
	System Instant Set Status Screen: Used to represent Instant Set status received from panel
	System Unset Status Screen: Used to represent Unset status received from panel
	Event Part Set Icon: Used to represent part set event in the log
	Event Full Set Icon: Used to represent full set event in the log
	Event disarm Icon: Used to represent Unset event in the log
	Event Information Icon: Used to represent non alarm events in the log
	Event Bell Icon: Used to represent events and alarms in the log

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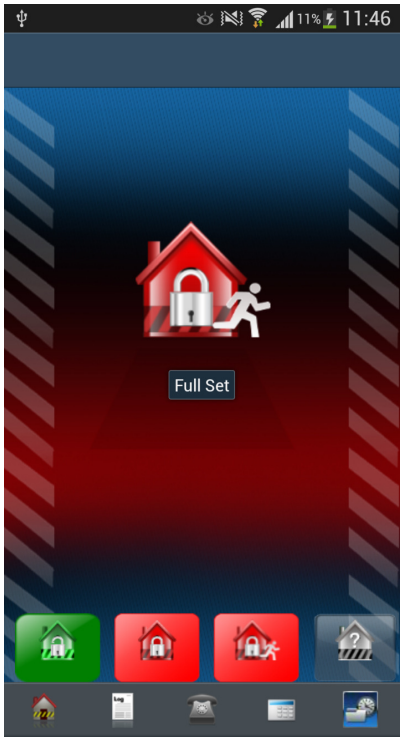
4.3.2 Setting/unsettling the system with group function disabled

Step 1: Press the red Instant set Icon or the green Unset Icon

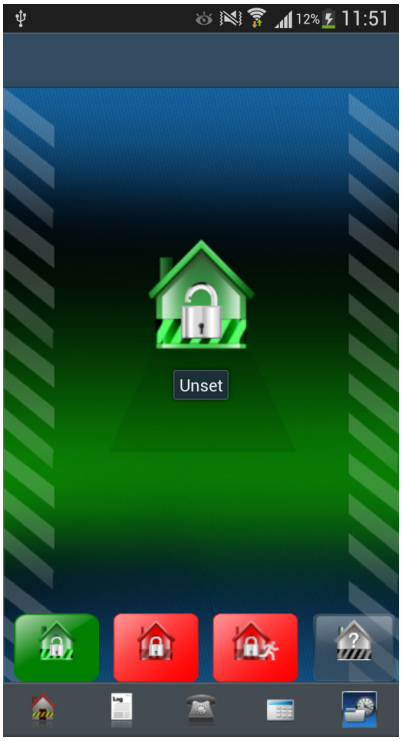
Step 2: Transition screen appears

Step 3: Operation complete – status change



Step 1

Step 2

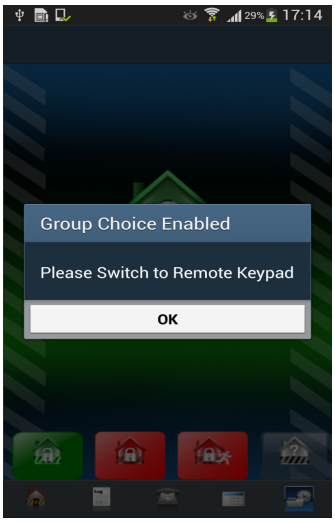


Step 3

4.3.3 Setting/unsettling the system with group function enabled

Step 1: Press the red Instant set Icon or the green Unset Icon

Step 2: A text box will appear requiring you to switch to Keypad mode



Step 3: Press OK and switch to keypad mode

Step 4: Set groups in keypad mode as you would on the real wall keypad

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4.4 Part Set/Night Set (With groups disabled)

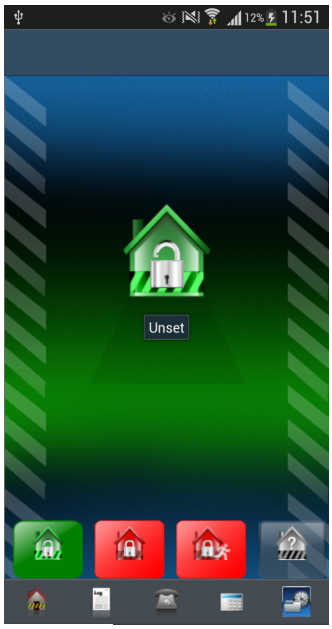
Step 1: Press the Partial set Icon button

Step 2: When asked select either Part set or night se

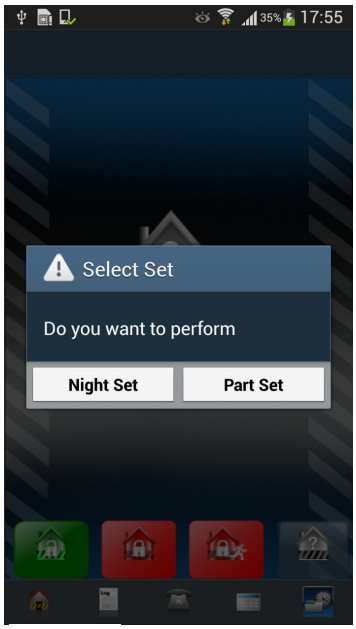
Step 3: User will be taken to the following transition screen

Step 4: Confirmation of status change. (Colour of Status Icon has changed)

Note: For Galaxy Flex V1 and Galaxy Dimension this will not offer the option of Part set/Night set. In this case it will perform a Part set operation.

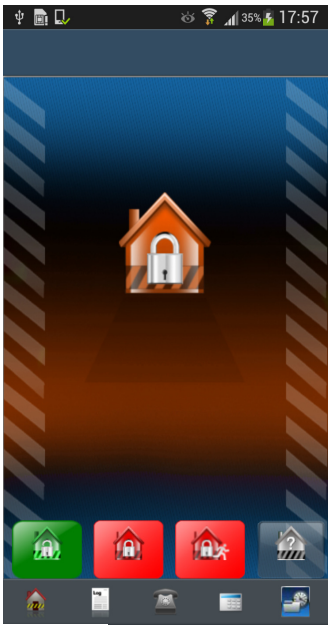


Step 1



Step 2

Step 3



Step 4

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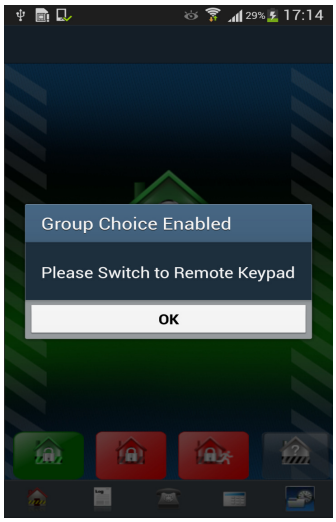
4.5 Part Set/Night Set (With groups enabled)



Step 1: Press the Partial set Icon

Step 2: A text box will appear requiring you to switch to Keypad mode

Step 3: Press OK and switch to keypad mode

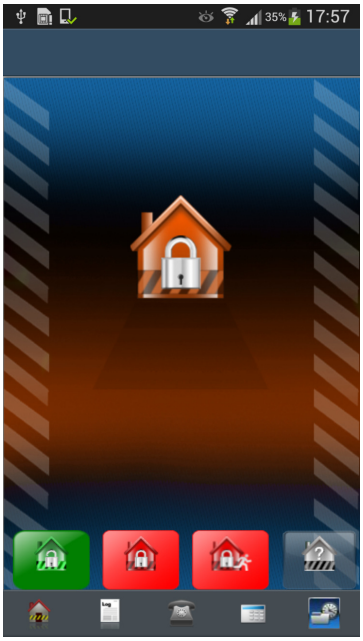
Step 4: Set groups in keypad mode as you would on the real wall keypad

4.6 Check system status.

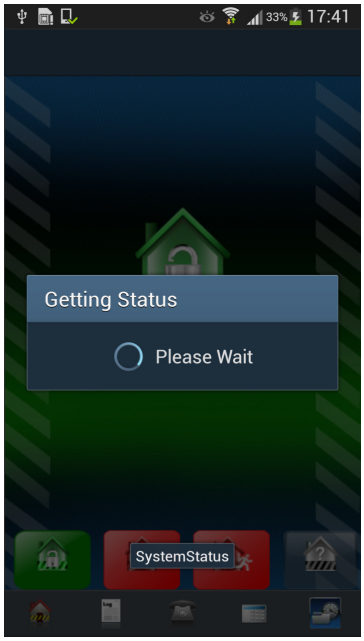
This operation is performed in the same way regardless of whether Group functions are enabled or disabled on the panel.

Step1: Click on Status Icon in the home screen

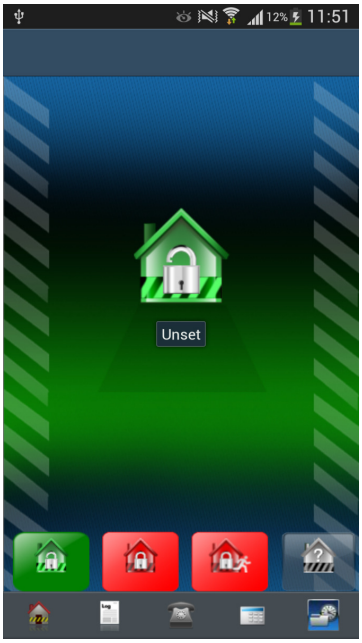
Step 2: User will be taken to the following transition screen.



Step 1



Step 2



Step 3

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4.7 Review event log

Step 1: Click on Event Log Icon

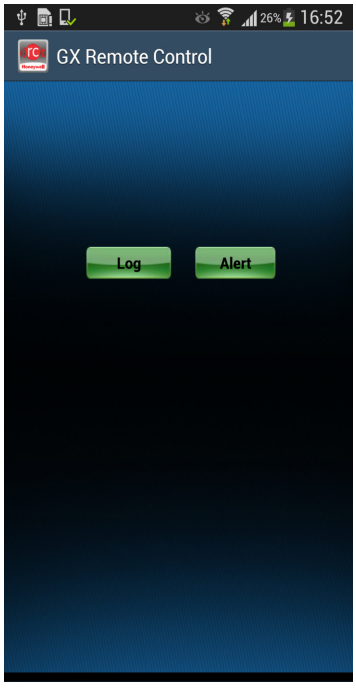
User will be taken to Start date and time entry screen

Step 2: Enter the date and time parameters required and click OK button.

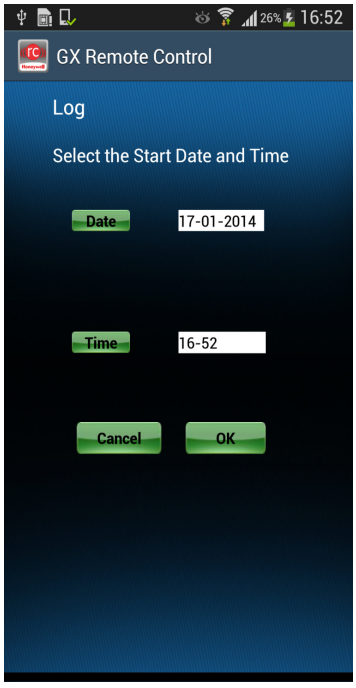
Step 3: User will be taken to transition screen and until upload completes

Step 4: Once upload completes, User will be taken to event log display screen (as shown below) with all event information e.g. event description, time and date occurred and event type with image

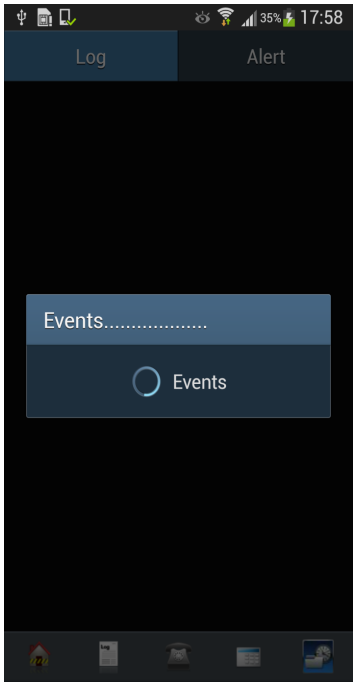
Note: If the user navigates to the home screen after conducting an event upload to review the data again a further upload will be required.



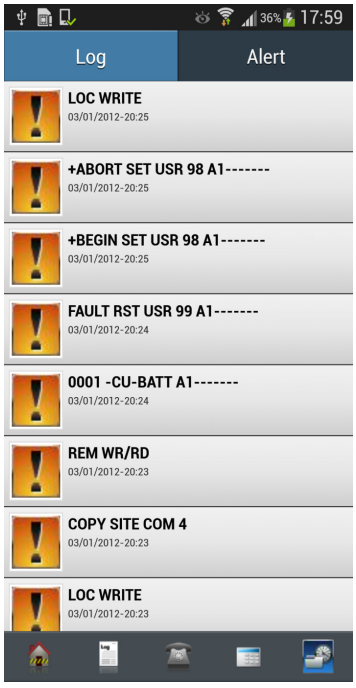
Step 1



Step 2



Step 3



Step 4

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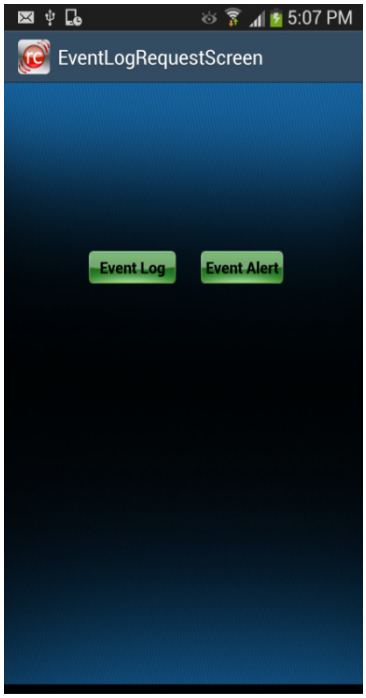
5 Event Alert:

This enables event alerts to be sent directly from the panel to the smart device as an SMS message.

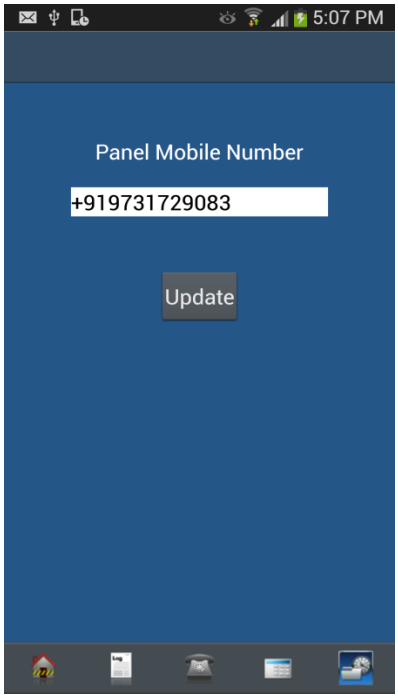
Step 1 Update your phone number by clicking icon

Step 2 Click on **EVENT ALERT** Icon in the action bar

Enter Panel mobile no. This is the number which sms alerts will be sent



Step 1



Step 2

Please Note:

- **This functionality will require the end user to have a 3rd PART SMS account (Not provided by Honeywell)**
- **This functionality is limited to Galaxy Flex (Is not available on Galaxy Dimension)**
- **This functionality will require Galaxy Flex system to have a Honeywell GPRS Module fitted (P/N A081-00-01)**

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